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FIELD SERVICE MANUAL.

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CAVALRY REGIMENT

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PRINTERS IN ORDINARY TO HIS MAJESTY.

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(a) *See* also Section 3.

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Section 1.—GENERAL NOTES.

1. The normal war establishment of a cavalry regiment, showing its composition as regards personnel and animals, when mobilization is complete, is given in Section 2, and no men or horses in excess of the "total regiment in the field" will be allowed beyond the advanced depôt.

The reserve squadron does not take the field, but remains at home to train the personnel required to replace wastage in the service squadrons.

2. With the exception of the warrant officer and staff-serjeants, the details of the regimental headquarters (other than officers) sleep and mess with their squadrons, unless otherwise provided for.

3. The transport of a regiment is shown after its war establishment. The transport is divided in the field as follows:—

1st line (which always accompanies the regiment on the march): limbered wagons (*a*); Maltese cart; and pack and spare animals.

2nd line (which marches as directed in orders): water cart and G.S. wagons.

The personnel for 2nd line transport is provided by the Army Service Corps; these men join the regiment on mobilization fully armed and equipped.

4. Spare draught horses are allowed at the rate of 10 per cent. A driver is allowed for each pair of spare horses. Spare drivers for 2nd line transport are included in the war establishment of the Army Service Corps company from which the 2nd line transport drivers are detached.

5. One N.C.O. and eight privates per regiment, trained in sanitary duties, are placed under the orders of the medical officer for camp sanitation purposes, working in conjunction with the R.A.M.C. personnel for water duties.

6. Bâtmen in the field are allowed at the rate of one for each officer with one horse, and two for each officer with two or three horses.

7. Drafts to replace wastage are calculated for cavalry at the rate of 70 per cent. during the first year of a war. The first portion of these drafts, with their horses, mobilize with the regiment unless otherwise ordered, and proceeds with it as far as the oversea base; this portion is known as "first reinforcement," and is calculated at 10 per cent. of rank and file.

(*a*) S.A.A. wagons and forage carts for regiments which are not yet provided with limbered wagons.

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Other details shown in the table as "left at the base" also mobilize with the regiment; the orderly-room serjeant is attached to the base record office; the remainder are attached with the first reinforcement to one of the general base depôts.

8. War outfit is the material of all kinds which a unit requires for war.

The method of carrying it is laid down in Sections 3–6.

9. No blankets for men are included in the normal scale of war outfit; but, when specially ordered, one blanket per man will be carried under the saddle in addition to the saddle blanket.

10. General requisites, such as spare parts and materials for repairs, are calculated on the assumption that it will be possible to replenish them at intervals of about a fortnight.

11. The clothing and necessaries required on mobilization are detailed in the Regulations for the Clothing of the Army, Part III, War (*a*).

12. The equipment required on mobilization is laid down in the Mobilization Store Table for a cavalry regiment.

13. The stationery considered necessary for a cavalry regiment in the field is shown in the list of contents which is pasted inside the lid of the stationery box.

14. The allotment of regiments to brigades and their places of mobilization are shown in Field Army Tables.

15. The arrangements for bringing a regiment up to war establishment in men and horses, and for the completion of its war outfit are laid down in Mobilization Regulations.

16. Orders for movement, when mobilization is complete, will be issued from the War Office to General Officers Commanding-in-Chief.

17. The tables contained in this Manual are drawn up on the basis of a campaign in a civilized country, and in a temperate climate. When mobilization takes place under different conditions, certain modifications will become necessary, and will be notified from the War Office.

(*a*) Will be published shortly.

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Section 2.—WAR ESTABLISHMENT AND TRANSPORT.

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Cavy.
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A CAVALRY REGIMENT.

NOTE.—For an IMPERIAL YEOMANRY SQUADRON the following additions will be made to the War Establishment and Transport of a squadron given below:—Attached: Drivers, A.S.C. (2nd line transport) 4 (with 2 G.S. wagons and 8 horses for baggage, stores and supplies). R.A.M.C. for water duties, 1 private. Details left at the base, 14 rank and file and 16 horses.

WAR ESTABLISHMENT.

Detail.	Personnel.							Horses.			
	Officers.	Warrant officers.	Staff-serjeants and serjeants.	Artificers.	Trumpeters.	Rank and file.	Total.	Riding.	Draught.	Pack.	Total.
Headquarters.											
Lieutenant-Colonel	1	....	....	....	....	....	1	3	....	....	3
Major	1	....	....	....	....	....	1	3	....	....	3
Adjutant	1	....	....	....	....	....	1	3	....	....	3
Quartermaster	1	....	....	....	....	....	1	1	....	....	1
Regimental serjeant-major	....	1	....	....	....	....	1	1	....	....	1
Quartermaster-serjeant	....	....	1	....	....	....	1	1	....	....	1
Transport-serjeant	....	....	1	....	....	....	1	1	....	....	1
Orderly-room clerk (*a*)	....	....	1	....	....	....	1	1	....	....	1

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Serjeant-trumpeter	....	....	1	....	....	....	1	1	....	....	1
Serjeant-cook	....	....	1	....	....	....	1	....	....	..	....
Signalling-serjeant	....	....	1	....	....	....	1	1	....	....	1
Farrier-quartermaster-serjeant	....	....	....	1	....	....	1	1	....	....	1
Saddler-serjeant	....	....	....	1	....	....	1	1	....	....	1
Saddletree-maker	....	....	....	1	....	....	1	1	....	....	1
Orderlies for medical officer (*b*)	....	....	....	....	....	2	2	....	2	....	2
Bâtmen (*c*)	....	....	....	....	....	11	11	....	....	....	....
Total	....	....	4	1	6	3	....	13	27	19	2	....	21
Attached :—													
Medical officer	....	....	1	....	....	....	....	....	1	2	....	....	2
Veterinary officer	....	....	1	....	....	....	....	....	1	2	....	1	3
Armourer-serjeant	....	....	....	....	....	1	....	....	1	....	....	....	....
Drivers, A.S.C. (2nd line transport)			....	....	....	....	....	13	13	....	26	....	26
R.A.M.C. for water duties	....	....	....	....	....	....	....	3(*d*)	3	....	....	....	....
Total headquarters (including attached)			6	1	6	4	....	29	46	23	28	1	52
Machine-gun section.													
Subaltern	....	....	1	....	....	....	....	....	1	3	....	....	3
Serjeant	....	....	....	1	....	....	....	....	1	1	....	....	1
Corporal	....	....	....	....	....	....	....	1	1	1	....	....	1
Privates	....	....	....	....	....	....	....	6	6	6	....	....	6
Drivers (1st line transport)	....	....	....	....	....	....	....	4	4	....	8	....	8
Bâtmen (*c*)	....	...	....	....	....	....	....	2	2	....	....	....	....
Total machine-gun section	....	....	1	....	1	....	....	13	15	11	8	....	19

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A CAVALRY REGIMENT—*continued.*

War Establishment—*continued.*

Detail.	Personnel.							Horses.			
	Officers.	Warrant officers.	Staff-serjeants and serjeants.	Artificers.	Trumpeters.	Rank and file.	Total.	Riding.	Draught.	Pack.	Total.
Squadron.											
Major	1	....	....	....	....	....	1	3	....	....	3
Captain	1	....	....	....	....	....	1	3	....	....	3
Subalterns	4	....	....	....	....	....	4	12	....	....	12
Squadron-serjeant-major	....	....	1	....	....	....	1	1	....	....	1
Squadron-quartermaster-serjeant	....	....	1	....	....	....	1	1	....	....	1
Serjeants	....	....	8	....	....	....	8	8	....	....	8
Farrier-serjeant	....	....	....	1	....	....	1	1	....	....	1
Shoeing-smith-corporal	....	....	....	1	....	....	1	1	....	....	1
Shoeing-smiths	....	....	....	5	....	....	5	5	....	....	5
Saddler	....	....	....	1	....	....	1	1	....	....	1
Trumpeters	....	....	....	....	2	....	2	2	....	....	2
Corporals	....	....	....	....	....	8	8	8	....	....	8
Privates	....	....	....	....	....	100	100	100	....	2 (*f*)	102

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Signallers { Corporal	....	....	....	....	....	....	....	....	....	1	1	1	....	....	1
Signallers { Privates (*g*)	....	....		....	....	....	....	....	....	8	8	8	....	....	8
Drivers (1st line transport) { for vehicles	....	....	....	....	....	....	....	....	....	4	4	....	8	....	8
Drivers (1st line transport) { for spare draught horses	....	....		....	....	....	....	....	....	1	1	....	2	....	2
Bâtmen (*c*)	....	....	....	....	....	....	....	....	....	12	12	....	....	....	....
Total squadron (*e*)	....	....	....	6	...	10	8	2	134	160	155	10	2	167
Recapitulation :—															
Headquarters (including attached)	....	....		6	1	6	4	....	29	46	23	28	1	52
Machine-gun section	....	....	....	1	....	1	....	....	13	15	11	8	....	19
3 squadrons	....	....	....	18	....	30	24	6	402	480	465	30	6	501
Total regiment in the field	....	....		25	1	37	28	6	444	541	499	66	7	572

Details left at the Base.

Not included in the above Totals.

Orderly-room-serjeant	....	....	....	....	....	1	....	....	....	51	....	....	....	....
Serjeant-master-tailor	....	....	....	....	....	1	....	....	....		....	....	....	....
Storemen	....	....	....	....	....	....	....	....	3(*j*)		....	....	....	....
First re-inforcement	....	....	....	1(*h*)	....	2	....	....	43		48	....	....	48

(*a*) The orderly-room clerk may be of the rank of corporal, in which case he will be deducted from the serjeants and added to the rank and file.
(*b*) Two men of the regiment (one a lance-corporal) trained for the duties, are placed under the orders of the medical officer. The private drives the cart for medical stores.
(*c*) All bâtmen are fully armed and trained soldiers, and are available for duty in the ranks.
(*d*) Includes a corporal.
(*e*) On taking the field the band is broken up and the men distributed among the squadrons. The bandmaster and serjeant of the band will remain with the reserve squadron. Four men in each squadron are trained in "first aid," and 1 N.C.O. and 4 privates in pioneer duties.
(*f*) For scouts.
(*g*) Not more than two per squadron may be lance-corporals.
(*h*) A subaltern.
(*j*) One storeman will mobilize with each squadron.

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A CAVALRY REGIMENT—*continued.*

TRANSPORT.

Detail.	Vehicles.	Drivers.	Horses. Draught.	Horses. Pack.	Remarks.
Headquarters, carts, Maltese, for medical equipment	1	1(*k*)	2	....	(*k*) Medical officer's orderly.
Headquarters, carts, water	1	1(*l*)	2	....	(*l*) Provided by the Army Service Corps for 2nd line transport vehicles.
Headquarters, wagons, G.S., for baggage, stores and supplies	6	12(*l*)	24	....	
Headquarters, pack animal for veterinary equipment	....	1(*m*)	....	1	(*m*) One of the veterinary officer's bâtmen.
Machine-gun section, wagons, limbered, G.S., for machine-gun, tripod, ammunition, and 1 set of machine-gun packsaddlery (3 packsaddles)	2	4	8	....	
Squadrons, wagons, limbered, G.S., for S.A.A. (1 per squadron)	3	6	12	....	(*n*) The 2 lead horses of each wagon are provided with packsaddlery.
Squadrons, wagons, limbered, G.S., for tools and signalling equipment (1 per squadron)	3	6	12(*n*)	....	
Squadrons, drivers, for spare draught horses (1 per squadron)	....	3	6	....	
Squadrons, pack horses, for scouts (2 per squadron)	....	...	....	6	
Total	16	34	66	7	

NOTE.—Regiments which are not yet provided with wagons, limbered, G.S., will retain 1 wagon, S.A.A., for machine-gun ammunition, 3 wagons, for S.A.A., and 3 forage carts for tools and signalling equipment.

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A Cavalry Regiment—*continued.*

Reserve Squadron.

Detail.	Personnel.							Horses.			
	Officers.	Warrant officers.	Staff-serjeants and serjeants.	Artificers.	Trumpeters.	Rank and File.	Total.	Riding.	Draught.	Pack.	Total.
Captain	1	....	....	....	....	....	1	3	....	....	3
Subalterns	6	....	....	....	....	....	6	18	....	....	18
Squadron-serjeant-major	....	....	1	....	....	....	1	1	....	....	1
Squadron-quartermaster-serjeant	....	....	1	....	....	....	1	1	....	....	1
Serjeants	....	....	11	....	....	....	11	11	....	....	11
Farrier-serjeant	....	....	....	1	....	....	1	1	....	....	1
Shoeing-smiths	....	....	....	6	....	....	6	....	....	....	....
Saddlers	....	....	....	2	....	....	2	....	....	....	....
Trumpeters	....	....	....	....	4	....	4	4	....	....	4
Corporals	....	....	....	....	....	13(*o*)	13	12	....	....	12
Privates	....	....	....	....	....	262	262	169	2	....	171
Carried forward	7	....	13	9	4	275	308	220	2	....	222

(*o*) One to be a clerk.

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A CAVALRY REGIMENT—*continued.*

Reserve Squadron—*continued.*

Detail.	Personnel.							Horses.			
	Officers.	Warrant officers.	Staff-serjeants and serjeants.	Artificers.	Trumpeters.	Rank and File.	Total.	Riding.	Draught.	Pack.	Total.
Brought forward	7	....	13	9	4	275	308	220	2	....	222
Attached.											
Riding-master	1	....	....	....	....	....	1	....	....	....	....
Bandmaster	....	1	....	....	....	....	1	....	....	....	....
Squadron-serjeant-major-instructor in fencing and gymnastics....	....	....	1	....	....	....	1	....	....	....	....
Squadron-serjeant-major-instructor in musketry	....	....	1	....	....	....	1	....	....	....	....
Squadron-serjeant-major roughrider	....	....	1	....	....	....	1	....	....	....	....
Serjeant of the band	....	....	1	....	....	....	1	....	....	....	....
Total reserve squadron (including attached)	8	1	17	9	4	275	314	220	2	....	222

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Section 3.—FIELD KITS.

A.—OFFICERS.

Detail of articles taken into the field by each officer.

NOTE.—The articles in the following list may be varied, but the total weight (exclusive of camp kettles) of 50 lbs. for a commanding officer, or 35 lbs. for other officers, to be carried in regimental transport, must not be exceeded.

Articles.	How carried.			Remarks.
	On the man.	On the horse.	In regimental transport.	
	lbs. ozs.	lbs. ozs.	lbs. ozs.	
Helmet and pagri	0 13½	....	....	(*a*) With riding breeches.
1 suit, service dress (*a*)	4 13	....	4 13 (*c*)	
1 pair putties	0 13	....	0 13 (*c*)	(*b*) No special pattern, but must carry Government ammunition.
1 pair spurs	0 12	....	....	
1 pair lace boots	2 11	....	2 11 (*c*)	(*c*) Packed in valise.
Sam Browne belt, including ammunition pouch, ammunition and revolver case, but without frog	2 5	....	....	
Revolver (*b*)	2 3½	....	....	
1 flannel belt	0 6¼	....	0 6¼ (*c*)	

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A.—OFFICERS—*continued.*

Detail of articles taken into the field by each officer—*continued.*

Articles.	How carried.			Remarks.
	On the man.	On the horse.	In regimental transport.	
	lbs. ozs.	lbs. ozs.	lbs. ozs.	
Haversack with unused portion of bread or biscuit ration (say 12 ozs.)	2 0½	....	....	
Waterbottle, filled, with carrier and strap	3 12	....	....	
Cloak	....	7 5	....	
Field glass, or telescope, or field glass and telescope in one case	....	2 0	....	
Mess tin (sealed pattern)	....	1 9	....	
Pocket compass	0 4	....	....	
Watch in wrist strap	0 4	....	....	
Whistle and lanyard	0 2½	....	....	
Clasp knife, with ring and swivel	0 6	....	....	
Wire cutters	....	1 3½	....	
Army Book 153	0 10	....	....	
Field dressing	0 1½	....	....	
Identity disc	0 0½	....	....	
Underclothing: 1 suit	3 0	....	3 0 (*c*)	
Braces and handkerchief	0 6	....	....	
Saddle, complete, with bridle and head rope	....	38 0	....	

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Shoecases (2), each with pair of shoes and nails	....	4 6	....	
Nosebag, with 6 lbs. corn....	....	7 0	....	
Heel and picketing ropes....	....	1 10	....	
Picketing pegs (on cloak)....	....	2 8	....	
Field cap (in pocket of cloak)	....	0 5¼	....	
Wallets (*d*) packed; containing emergency ration, tin of grease, socks, shirt, holdall, with comb, knife, fork, spoon, razor, shaving brush, tooth brush, sleeping cap, towel, soap, drawers, pad for surcingle, cup, map, matches	....	8 7	....	(*d*) Weight, empty, with straps, 3 lbs. 5¼ ozs.
Sword	....	3 0	....	
Service forage cap....	....	....	0 9 (*c*)	
1 tin of grease or vaseline	....	....	0 2 (*c*)	
Canvas shoes	....	....	1 5 (*c*)	
Writing portfolio	....	....	1 0 (*c*)	
Housewife	....	....	0 4 (*c*)	
Holdall complete with toilet necessaries	....	....	1 0 (*c*)	
Collapsible lantern, with talc sides	....	....	0 12 (*c*)	
Canvas bucket	....	....	1 5 (*c*)	
2 towels	....	....	0 13 (*c*)	
Blanket (when carried)	....	....	4 8 (*c*)	
Wolseley valise	....	....	11 3	
In camp kettle (*e*)—				(*e*) 1 camp kettle is allowed for every 3 officers.
2 enamel plates of size to fit in camp kettle	....	....	1 5	
Drinking cup, and pepper and salt pots to fit into it	....	....	1 8	

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NOTES.

1. Officers may leave at the base a bullock trunk packed with 100 lbs. of personal baggage. This reserve baggage will be forwarded only when it may be deemed convenient to the service by the General Officer Commanding-in-Chief.

2. If an officer is allowed more than one horse, saddle-bags can be carried on the spare horse.

3. The mobilization equipment of a regiment includes a nosebag and picketing gear for each officer's horse, and on mobilization all officers will ensure that this provision has been made for their own horses.

4. Method of carrying articles on the horse :—

Cloak.—Rolled, 26 inches long, behind the saddle.
Headrope.—Round horse's neck, with a short coil (from 6 to 8 times) under the throat, the end of the coil being 6 inches from the lower ring of the headstall.
Mess tin.—Fastened by the off baggage strap to the off side of the saddle.
Nose bag.—When empty, on the off shoecase fastened to the baggage strap. When oats are carried, the strap of the nosebag must be fastened to the back arch of the saddle.
Heel rope, when carried.—Folded flat, and placed between the cantle of the saddle and the cloak.
Picketing pegs.—Under the straps of the cloak.
Field glasses.—On off side.
Shoecases.—One on each side.
Sword.—On the near shoecase, edge to the rear.

5. Officers' saddle blankets are carried in the transport vehicles on the march.

6. The four telescopes for reconnaissance, when not specially required, are in the personal charge of the three squadron commanders and the adjutant.

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B.—WARRANT OFFICERS, NON-COMMISSIONED OFFICERS AND MEN.

Detail of articles taken into the field by each man.

Articles.	How carried.			Remarks.
	On the man.	On the horse.	In regimental transport.	
	lbs. ozs.	lbs. ozs.	lbs. ozs.	
Short rifle, with sling and rifle bucket (*a*)	8 3½	2 8	....	(*a*) All ranks not armed with a pistol.
Pistol, with lanyard and case (*b*)	2 13½	....	....	(*b*) Warrant officers, staff-serjeants, serjeants, trumpeters, and drivers.
Sword and scabbard, with sword knot (*c*) and frog	....	4 8	....	(*c*) Swords and scabbards of drivers are carried on the wagons.
Tin, mineral jelly, filled, pullthrough and canvas cover (*a*)....	0 8½	....	....	(*d*) All ranks armed with a pistol or carrying a mekometer.
Waist belt, brown leather (*d*)	0 6½	....	....	
Bandolier (90 rounds)	1 8	....	....	(*e*) Warrant officers, staff-serjeants, and serjeants.
Pistol ammunition pouch, with 12 rounds of pistol ammunition (*b*)	0 14	....	....	(*f*) Warrant and non-commissioned officers and 25 per cent. of other ranks.
Whistle with lanyard (*e*)....	0 3	....	....	
Field glasses (*f*)	2 0	....	....	
Saddlery with saddle blanket and head rope (*g*) or	....	29 4	....	(*g*) 1902 pattern. The 1890 pattern without breastplate weighs about 37 lbs. Add heel rope, 11 oz. (where necessary).
Harness, near, with saddle blanket and head rope (*h*) ...., ...	....	73 0	....	(*h*) Drivers only. Add heel rope, 11 oz. (where necessary).

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B.—Warrant Officers, Non-Commissioned Officers and Men—*continued.*

Detail of articles taken into the field by each man—*continued.*

Articles.	How carried.			Remarks.
	On the man.	On the horse.	In regimental transport.	
	lbs. ozs.	lbs. ozs.	lbs. ozs.	
Haversack with—				
(i) Unused portion of bread or biscuit ration (say 12 ozs.)	4 2¼	....	...	
(ii) Emergency ration (9½ ozs.)				
(iii) Fork and spoon (4 ozs.)				
(iv) Tooth brush, shaving brush, comb, and razor and case (6 oz.)				
(v) Spare boot laces (½ oz.)				
(vi) Housewife, fitted (3 ozs.)				
(vii) Towel and soap (11½ ozs.)				
(viii) Pay book (2 ozs.)				
Water-bottle, filled, with carrier and strap	3 13	....	....	
Wolseley helmet	1 0¾	....	....	
Jacket, with field dressing	2 8	....	....	
Identity disc	0 0½	....	....	
Pantaloons	3 1	....	....	
Jersey or cardigan	1 5½	....	....	
Braces	0 4	....	....	
Flannel shirt	1 1½	....	....	

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Woollen belt	0 4½	....	....	
Socks	0 4½	....	....	
Ankle boots	3 14	....	....	
Puttees	0 12½	....	....	
Jack spurs	0 15½	....	....	
Cotton drawers	1 0½	....	....	
Clasp knife, with marline spike, tin opener and lanyard	0 7½	....	....	
Small-arm ammunition, per 10-round packet (*j*)	0 10½	....	....	(*j*) For rounds carried *see* Section 7A.
Shoe case and sword frog with strap, and with one fore and one hind shoe and nails (*k*)	....	1 10	....	(*k*) Drivers have 2 shoe cases (4 lbs. 6 ozs.) on the horse.
Whip and leggings (*h*)	2 14½	....	....	
Surcingle pad	....	0 10	....	
Picketing peg	....	1 4	....	
,, rope	....	1 1	....	
Nose bag with 6 lbs. of corn	....	7 0	....	
Horse brush, rubber and sponge	....	1 6	....	
Corn bag	....	0 6	....	
Mess tin and strap, with unused portion of meat ration (say 12 ozs.)	....	2 2	....	
Cloak, with comforter cap (3½ ozs.), and socks (4½ ozs.) in pockets (strapped on front of saddle)	....	8 2¾	....	
Waterproof sheet	....	....	2 9	

NOTE.—When specially ordered, a blanket (4 lbs. 8 ozs.) is carried under the saddle in addition for each man.

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NOTE.—The following additional articles are carried on the man or horse.

Articles.	Number per regiment.	Approximate weight of each. lbs.	Approximate weight of each. ozs.	By whom carried.	Remarks.
Wire cutters, in frog	5½ (*a*)	1	3½	....	(*a*) 18 per squadron.
Telescopes, for reconnaissance....	4	3	2	As required (*see* note 6, page 16).	
Bugles, with strings	5	1	7	Carried by serjeant-trumpeter and trumpeters.	
Trumpets, with strings....	7	1	6		
Mekometers (complete sets) (*b*)	2	6	7	Range-finders.	(*b*) 10 yards of spare cord are also carried in regimental transport.
Signalling Equipment—					
Message, cases with forms and manuals	7	2	14	Signallers.	
Small blue flags	12	....	6½		
Small white flags	12	....	6½		
Heliographs, 5″	8	8	4		
Stands, lamp or heliograph	8	4	13		
Binoculars, in cases	4	1	14		
Watches	4	....	7		
Prismatic compasses, in case	4	....	8		
Telescopes, with stands	8	3	15		
Hand axes	3	2	2	Farrier serjeants.	
Veterinary wallets	3	7	3¼		
Farriers' tool bags (fitted)	22	14	6½	Farriers and shoeing smiths.	

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C.—ARTICLES CARRIED ON THE HORSE BY DRIVERS OF 1ST AND 2ND LINE TRANSPORT VEHICLES.

The following are carried on the horse by drivers of 1st and 2nd line transport vehicles :—

Articles.	Near horse.		Off horse.	
	lbs.	ozs.	lbs.	ozs.
Shoecases, with shoes and nails	4	6	4	6
Harness (without shoecases)	73	0	75	0
Picketing pegs	1	3	1	3
Built-up rope....	1	1	1	1
Surcingle pad (on surcingle under horse)	0	10	0	10
Nosebags, with horse brush, horse rubber, sponge and 6 lbs. of corn in each	....	....	18	5
Cloak (6 lbs. 5 ozs.), with comforter cap (3½ ozs.) and socks (4¼ ozs.) in the pocket	6	12¾	....	....
Mess tin and strap, with unused portion of meat ration (say 12 ozs.)	2	7	....	....
	89	7¾	100	9

NOTES.

Method of carrying articles on the horse.

Cloak, rolled, 26 inches long, in front of the saddle.

Saddle blanket, under the riding saddle.

Saddle blankets for horses with luggage saddles are carried in the vehicles on the march.

Nosebags, on the off horse, one on each side of the luggage saddle, fastened to the near arch (or ring with O.P. saddle).

Picketing pegs, on the cloak.

Shoecases, one on each side of saddle.

Mess tin, on off side of saddle of the near horse.

At the discretion of the commanding officer, the picketing gear (or any part of it) may be carried in the vehicles of regimental transport.

When blankets are specially ordered, they are carried under the saddle, in addition to the saddle blanket, by horses with riding saddles.

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D.—ARTICLES LEFT AT THE BASE BY EACH MAN.

Kit bags, containing the spare kit detailed below, will be taken as far as the oversea base by each man, and will be left in charge of squadron storemen at the General Base Depôt, to be forwarded only as may be deemed convenient to the service by the General Officer Commanding-in-Chief.

Articles.	No.	Remarks.
Clothing.		
Boots	1 pair	
Service dress cap	1	
Cotton drawers....	1 pair	
Service dress jacket	1	
Canvas shoes (if in possession)	1 pair	
Service dress trousers	1 „	
Necessaries.		
Cap badge	1	
Hair brush	1	
Holdall	1	
Table knife	1	
Flannel shirt	1	
Worsted socks	1 pair	
Towel	1	
Special articles.		
Clothes bag	1	
Woollen belt	1	

The boots will be tied together, with the soles outwards, the regimental number of the man and the name of the regiment being chalked or otherwise legibly marked on the soles. The boots will be packed last, and placed in the mouth of the kit bag to admit of their being readily withdrawn, should it be necessary to order them to be forwarded to the troops in the field.

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Section 4.—CART AND WAGON EQUIPMENT.

A.—MALTESE CART.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Water bucket, G.S., leather	1	6	0	Strapped on axle bed.	
Grease, for lubricating lbs.	3	3	0	In the grease box.	
Drag ropes, light, G.S. pair	1	6	6	In the body.	
Felling axes, curved helve	1	6	0	On the rear underside of the cart.	
Pick axes, head, 4½ lbs.	1	7	12	On the rear underside of the cart.	
Pick axes, helve, 36-inch, ferruled	1			On the rear underside of the cart.	
Inventory board, with list	1	0	11	As convenient.	
Water brush, carriage	1	0	10	As convenient.	
Cordage, tarred, spun yarn, hemp, 3-thread lbs.	5	5	0	In the body.	
Bill hook	1	1	15½	On front underside of cart.	
Lashings, tarred, 1½-inch, 16-feet	4	6	12	In the body.	
Shovels, G.S.	2	7	0	One on each side.	
Total equipment	....	51	2½		(*a*) Cover. (*b*) Carried in the pocket on the off side, and consisting of—Linch pin, 3rd class, 1. Drag washer, 3rd class, B, 1.
Maltese cart (with components, accessories (*a*) and spare parts (*b*)	....	733	0	Approximate only, weight varies according to Mark.	
Cart equipped	....	784	2½	= 7 cwt., about.	

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B.—WATER CART.

(1 PER REGIMENT.)

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Inventory board with list	1	0	11		
Water brush, carriage	1	0	10		
Water bucket, G.S., leather	1	6	0	Slung to axle bar.	
Cordage, spun yarn, hemp, tarred, 3-thread .... lbs.	5	5	0		
Grease for lubricating .... „	3	3	0	In grease box.	
Spanner, McMahon, 9-inch....	1	1	5		(*a*) Packed in pocket on axle-tree bed, and consisting of—Linch pin, 3rd class, 1. Drag washer, 3rd class, B, 1.
Total equipment	....	16	10		
Water cart, with components and spare parts (*a*)	....	941	4½	Approximate only, weight varies according to Mark.	(*b*) 1625 lbs. 4½ ozs., if fitted with Slack and Brownlow filtering apparatus.
Water cart equipped (*b*)	....	957	14½	= 8½ cwt., about.	

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C.—LIMBERED WAGON, G.S.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Water buckets, G.S., leather	2	12	0	Under rear of fore part.	
Grease for lubricating .... lbs.	6	6	0	In the grease box.	
Inventory board, with list	1	0	11	In locker on near side of fore part.	
Water brush, carriage	1	0	10	On near side of fore part.	
Cordage, tarred, spun yarn, hemp, 3-thread .... lbs.	5	5	0	On near side of fore part.	
Drag ropes, light, G.S. .... pair	1	6	6	On off side of fore part.	
Tool for opening S.A. ammunition boxes (*a*) .... set	1	3	10	In locker on near side of fore part.	
Total equipment	....	34	5		
Limbered wagon, G.S., with components, covers and spare parts (*b*)	....	1,237	0	Approximate only, weight varies according to wagon.	
Limbered wagon, G.S., equipped....	....	1,271	5	= 11½ cwt., about.	

(*a*) Comprising—
Screwdriver, G.S., 6-inch, 1.
Hammer, claw, 14-oz., 1.
Pincers, carpenters, pair, 1.
Spanner, McMahon, 9-inch, 1.

(*b*) Spare parts are carried in the near side locker, in the fore part of the wagon, and consist of—
Brake blocks, field and transport, 2.
Collar, adjusting, 2nd class, "C," capped wheels, 1 (*c*).
Linch pin, 2nd class, "C," capped wheels, 1 (*c*).
Drag washer, 2nd class, "C," capped wheels, 1 (*c*).

(*c*) For wagons fitted with 2nd class hind axletrees only.

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D.—G.S. WAGON.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axe, curved helve	1	6	0		(*a*) Cover.
Pick axe, { head, 4½-lb.	1	7	12	In the locker.	(*b*) Swingletree 1; and the following packed in the small locker:—
Pick axe, { helve, 36-inch, ferruled....	1				
Water buckets, G.S., leather	2	12	0	Slung under the wagon.	
Grease for lubricating .... lbs.	6	6	0	In the grease boxes.	Brake blocks, field and transport, Mark II, 2.
Bill hook	1	1	15½		Linch pin, 2nd class, 1 (*c*).
Inventory board with list	1	0	11	In the locker.	Linch pin, 3rd class, 1.
Water brush, carriage	1	0	10		Drag washer, 3rd class B. 1.
Cordage, tarred, spun yarn, hemp, 3-thread .... lbs.	5	5	0		Drag washer, 2nd class, C. 1 (*c*).
Drag ropes, light, G.S. .... pair	1	6	6	Strapped under the raves, offside.	
Lashings, tarred, 1½″ × 32′....	1	2	8		(*c*) For wagons fitted with 2nd class hind axletrees only.
Shovels, G.S.	2	7	0	In the locker.	
Total equipment	....	55	14½		
G.S. wagon, with components, accessories (*a*), and spare parts (*b*)	....	1,930	0	Approximate only, weights vary according to Mark.	
G.S. wagon equipped	....	1,985	14½	= 17¾ cwt., about.	

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Section 5.—PACK TRANSPORT LOADS.

A.—PACK ANIMAL FOR VETERINARY EQUIPMENT.

(1 PER REGIMENT.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
Mallet, heel peg	1	2	8	(*a*) Not allowed for pack horses.
Bag, line gear (*a*)	1	0	8½	
Nosebag, with unexpended forage, say	1	6	0	
Picketing peg, wooden	1	1	3	
Picketing pin (*a*)	1	2	6	
Share of additional gear, say	....	2	0	
Shoes, fore, with nails .... pair	1	2	0	
Packsaddle, G.S., small, with cover and lashing .... set	1	60	0	
Veterinary officer's chest	1	84	0	
Veterinary officer's baggage....	1	35	0	
Ground sheet of driver	1	2	8	
Total equipment and load	....	198	1½	

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B.—PACK HORSES FOR SCOUTS.

(2 PER SQUADRON.)

Articles.	No. per animal.	Approximate weight.		Remarks.
		lbs.	ozs.	
Mallet, heel peg	1	2	8	
Bag, line gear	1	....	8½	
Nosebag, with unexpended forage	1	6	0	
Picketing peg, wooden	1	1	3	
Picketing pin	1	2	6	
Share of additional gear, say	....	2	0	
Shoes, fore, with nails .... pair	1	2	0	
Packsaddle, G.S., small, with cover and lashing	1	60	0	
Load, as required, not to exceed	....	180	0	
Total equipment and load	....	256	9½	

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Section 6.—CART AND WAGON LOADS.

The distribution of the loads carried by regimental transport, shown in this section, has been arrived at after a series of packing trials, and a departure from it would only be justified by exceptional circumstances. For purposes of calculation the maximum load for a G.S. wagon with four horses is taken as not more than 2,700 lbs. The weights of individual items in the loads of different marks of wagons, and of individual wagons of the same Mark may be found to vary.

A.—MALTESE CART.

(1 PER REGIMENT.)

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Medical companion, complete, with water-bottle (filled)	1	19	2	In the body.	
Surgical haversack, complete, with water-bottle (filled)	1	13	2	In the body.	
Field medical panniers (filled) { No. 1	1	91	0	In the body.	
Field medical panniers (filled) { No. 2	1	72	0	In the body.	
Stretchers, ambulance	3	102	0	In the body.	
Saddle blanket (*a*)	1	5	4	....	(*a*) For the off horse.
Load	....	302	8		
Maltese cart, equipped (*cf.* page 23)	....	784	2½	Approximate only, weight varies according to Mark.	
Total, loaded cart	....	1,086	10½	= 9¾ cwt., about.	

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B.—WATER CART.

(1 PER REGIMENT.)

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Water .... gallons	118	1,180	0		
Water cart, equipped (*cf.* page 24)	....	957	14½	Approximate only, weight varies according to Mark.	
Total, loaded cart	....	2,137	14½	= 19 cwt., about.	

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C.—LIMBERED WAGONS.

(8 PER REGIMENT.)

(Nos. 1, 2, and 3, for tools and signalling equipment, 1 per squadron.)

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Canvas buckets	35	25	0		
Pioneer equipment (*a*)	....	525	0		(*a*) For detail, *see* page 46.
Handcuffs .... pair	1	2	0		
Veterinary chest	1	25	0		(*b*) For detail of equipment, *see* page 45.
Signalling pannier (filled) (*b*)	1	80	0		
Signalling poles, large	7	5	8		(*c*) For lead horses.
Signalling poles, small	5				
Packsaddlery (*c*) .... sets	2	144	0		(*d*) 160 lb. sacks, plus weight of sacks.
Pump, mineral jelly	1	1	2		
Sacks of oats (*d*)	2	328	0		
Saddle blankets (*e*)	2	10	8		(*e*) For the off horses.
Load	....	1,146	2		
Limbered wagon, equipped (*cf.* page 25)	....	1,271	5	Approximate only, weight varies according to wagon.	
Total loaded limbered wagon, No. 1, 2, or 3	....	2,417	7	=21½ cwt., about.	

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C.—LIMBERED WAGONS.

(8 PER REGIMENT.)

(NOS. 4, 5 AND 6 FOR S.A.A.; 1 PER SQUADRON.)

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Ammunition bags, canvas	8	9	0		
S.A.A. .... boxes	14	1,127	0		
Pistol ammunition (300 rounds).... box	1	18	8		
Saddle blankets (*a*)	2	10	8		(*a*) For the off horses.
Ammunition saddle bags .... (pairs)	4	76	0		
Load	....	1,241	0		
Limbered wagon equipped (*cf.* page 25)	....	1,271	5	Approximate only, weight varies according to wagon.	
Total loaded limbered wagon, No. 4, 5 or 6	....	2,512	5	= 22½ cwt., about.	

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C.—LIMBERED WAGONS.

(8 PER REGIMENT.)

No. 7 for machine gun, tripod, M.G. packsaddlery and ammunition.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How carried.	Remarks.
Pickaxe, { head	1	4	8		
Pickaxe, { helve	1	3	4		
Shovel	1	3	8		
Machine gun in case (complete, with accessories and spare barrel)	1	85	0		
Tripod (complete, with equipment)	1	50	0		
Belt boxes, fitted, 250 rounds each	14	288	0		
S.A.A. boxes	5	402	8		
Set of machine gun packsaddlery (3 packsaddles)	1	214	0		
Box of spare parts	1	32	0		
Saddle blankets (*a*)	2	10	8		(*a*) For the off horses.
Load	....	1,093	4		
Limbered wagon, equipped (*cf.* page 25)	....	1,271	5	Approximate only, weight varies according to wagon.	
Total, loaded limbered wagon, No. 7	....	2,364	9	= 21¼ cwt., about.	

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C.—LIMBERED WAGONS.

(8 PER REGIMENT.)

No. 8 for machine gun ammunition.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Ammunition bags, canvas	8	9	0		
S.A.A. boxes	12	966	0		
Pistol ammunition in boxes.... rounds	600	37	0		
Saddle blankets (*a*)	2	10	8		(*a*) For the off horses.
Load	....	1,022	8		
Limbered wagon, equipped (*cf.* page 25)	....	1,271	5	Approximate only, weight varies according to wagon.	
Total loaded limbered wagon, No. 8	....	2,293	13	= 20½ cwt., about.	

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D.—G.S. WAGON.

(6 PER REGIMENT.)

No. 1.—Forage and stores.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axe	1	6	0	In body of wagon.	
Reaping hooks	33	33	0		
Spare pole	1	38	0		
Spare fore wheel	1	129	0		
Mallets, heel peg	14	35	0		
Spare picketing pegs	75	93	12		
Canvas buckets	30	19	11		
Saddle blankets (*a*)	2	10	8		
Sacks of oats (*b*)	12	1,968	0		(*a*) For the off horses.
Officers' camp kettles, packed	2	35	0		
Bale of compressed forage	1	82	0		
Load	....	2,449	15		(*b*) 160 lb. sacks, plus weight of sacks.
G.S. wagon equipped (*cf.* page 26)	....	1,985	14½	Approximate only, weight varies according to Mark.	
Total loaded wagon, No. 1	....	4,435	13½	= 39½ cwt., about.	

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D.—G.S. WAGON.

(6 PER REGIMENT.)

No. 2.—Forage and Stores.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axe	1	6	0	In body of wagon.	
Spare pole	1	38	0		
Spare hind wheel	1	161	0		
Mallets, heel peg	14	35	0		
Canvas buckets	30	19	11		
Saddle blankets (*a*)	2	10	8		(*a*) For the off horses.
Sacks of oats (*b*)	13	2,132	0		
Officers' camp kettles, packed	2	35	0		
Bale of compressed forage	1	82	0		(*b*) 160 lb. sacks, plus weight of sacks.
Load	....	2,519	3		
G.S. wagon equipped (*cf.* page 26)	....	1,985	14½	Approximate only, weight varies according to Mark.	
Total, loaded wagon, No. 2	....	4,505	1½	= 40¼ cwt., about.	

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D.—G.S. WAGON.

(6 PER REGIMENT.)

No. 3.—Forage and stores.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axe	1	6	0	In body of wagon.	(*a*) For pack horses and horses of water cart and this wagon with luggage saddles.
Mallets, heel peg	14	35	0		
Spare picketing pegs....	75	93	12		
Canvas buckets	30	19	11		
Cases of butchers' implements	2	74	0		
Saddle blankets (*a*)	10	52	8		
Sacks of oats (*b*)	13	2,112	0		
Officers' camp kettles, packed	2	35	0		
Bale of compressed forage	1	82	0		(*b*) 12 160-lb. sacks and 1 140-lb. sack, plus weight of sacks.
Load	....	2,509	15		
G.S. wagon, equipped (*cf.* page 26)	....	1,985	14½	Approximate only, weight varies according to Mark.	
Total loaded wagon, No. 3	....	4,495	13½	= 40 cwt., about.	

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D.—G.S. WAGON.

(6 PER REGIMENT.)

No. 4. Supplies and stores.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axe	1	6	0	In body of wagon.	
Mallets, heel peg	14	35	0		
Canvas buckets	30	19	11		
Knives, tin opening	6	4	8		
Spring balances (80 lb.)	2	7	6		
Biscuits, in cases	....	836	0		
Preserved meat, in cases	....	816	0		
Jam and vegetables	....	762	0		
Saddle blankets (*a*)	2	10	8		(*a*) For the off horses.
Bale of compressed forage	1	82	0		
Load	....	2,579	1		
G.S. wagon, equipped (*cf.* page 26)	....	1,985	14½	Approximate only, weight varies according to Mark.	
Total, loaded wagon, No. 4	....	4,564	15½	= 40¾ cwt., about.	

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D.—G.S. WAGON.

(6 PER REGIMENT.)

No. 5.—Baggage and stores.

Articles	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axe	1	6	0	In body of wagon.	(*a*) For detail of equipment (*see* page 45).
Mallets, heel peg	14	35	0		
Canvas buckets	30	19	11		
Signalling pannier (filled with signalling stores) (*a*)	1	80	0		
Signalling poles { large	6	5	8		
Signalling poles { small	6				
Saddle blankets (*b*)	27	141	12		(*b*) For the officers' and off horses.
Ground sheets, W.P.	515	1,827	8		
Officers' baggage, { C.O.	1	50	0		
Officers' baggage, { other officers	23	805	0		
Bale of compressed forage	1	82	0		
Load	....	2,512	7		
G.S. wagon, equipped (*cf.* page 26)	....	1,985	14½	Approximate only, weight varies according to Mark.	
Total loaded wagon, No. 5	....	4,498	5½	= 40 cwt., about.	

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D.—G.S. WAGON.

(6 PER REGIMENT.)

No. 6.—Stores.

Articles.	No.	Approximate weight. lbs.	Approximate weight. ozs.	How packed.	Remarks.
Felling axes	2	12	0	In the body of the wagon.	(*a*) The contents are shown on the inside of the lid. (*b*) Containing artificers' tools.
Mallets, heel peg	16	40	0		
Canvas buckets	31	20	5½		
Hand axe	1	2	4		
Candle boxes, filled	8	13	8		
Lanterns, tent, folding	8	54	4		
Officers' camp kettles, packed	3	52	8		
Camp kettles for rank and file	22	187	0		
Stationery box, filled (*a*)	1	56	0		
Grocery panniers, filled	7	506	0		
Saddlers' panniers	2	173	0		
Carpenter's pannier (*b*)	1	140	0		
Armourer's bag, with rifle components and tools and box for clearing rod	1	8	14		
Jute .... hanks	3	3	0		
Brass wire .... oz.	12	0	12		
Dummy cartridges	20	1	4		
Dubbing 2 lb. tins	17	40	0		

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Mineral jelly	2 lb. tins	16	37	8	In the front locker.
Rangoon oil	.... pints	3	3	8	
Spare cord for mekometer	.... yards	10	....	4	
Harness brushes	....	30	13	2	In the body of the wagon.
Shoemakers tools, in bag	....	....	25	0	
Tow, jute	....	....	1	0	
Old linen	....	....	4	0	
Flannelette	.... yards	175	5	8	
Lifting jack	....	1	32	0	
Ankle boots	.... prs.	18	105	0	
Horse-shoes and nails (*c*)	.... sets	90	524	0	
Horse rugs	....	30	210	0	
Saddle blankets (*d*)	....	2	10	8	
Bale of compressed forage	....	1	82	0	
Load	....	....	2,364	1½	
G.S. wagon, equipped (*cf.* page 26)	....	1,985	14½	Approximate only, weight varies according to Mark.	
Total loaded wagon, No. 6 ...	....	4,350	0	= 38¾ cwt., about.	

(*c*) The shoes to be carried loose, the nails in tin boxes.

(*d*) For the off horses.

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Section 7.

DATA ON WHICH THE TRANSPORT OF A CAVALRY REGIMENT IS CALCULATED.

A.—AMMUNITION.

Approximate Amount of Ammunition Available.

Note.—For the purpose of arriving approximately at the number of rounds to be carried in ammunition columns, the number of rifles in a cavalry regiment is calculated at 500.

How carried.	Rounds per rifle.	Rounds per pistol.	Rounds per machine gun.	Remarks.
On the soldier	100	12	....	
In the limbered wagon for the machine-gun	....	....	3,500(*a*)	
In regimental reserve (*b*) ...	100	12	16,000	
With horse artillery brigade or mounted brigade ammunition column	100	12	10,000	
With the divisional ammunition column	100	....	10,000	
Total in front of the advanced depôt	400	36	39,500	

(*a*) Ready packed in belts. The machine-gun is provided with 16 belts (14 filled and 2 spare), each belt containing 250 rounds.

(*b*) Carried as follows:—

In each squadron limbered wagon for S.A.A. (Nos. 4, 5 and 6) 14 boxes S.A.A., 1 box pistol ammunition.

In the machine-gun limbered wagon (No. 7) 5 boxes S.A.A.

In the machine-gun limbered wagon for S.A.A. (No. 8) 12 boxes S.A.A., and 2 boxes pistol ammunition.

S.A.A. is packed in boxes of 1,000 rounds. Pistol ammunition in boxes of 300 rounds.

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B.—RATIONS AND FUEL.

Detail of rations carried in the field with cavalry regiments, and in transport and supply columns and parks for each officer and man.

How carried.	Field Ration.				*Emergency ration.*	Remarks.
	1¼ lbs. fresh or 1 lb. (nominal) preserved or salt meat. 1¼ lbs. bread, or 1 lb. biscuits, or flour.	*Groceries.* Tea, sugar, salt, and pepper (as detailed in Allowance Regulations).	*Jam, Limejuice, and Rum.* (As detailed in Allowance Regulations.)	*Vegetables.* ½ lb. fresh, or ¼ lb. dried, or ¼ lb. preserved fruit.	6½ oz. net, 9½ oz. gross.	
On the soldier	½ (*a*)	....	....	....	1	(*a*) The unexpended portion of the day's ration issued the previous evening.
In regimental transport	1	2 (*b*)	1 (*c*)	....(*d*)	....	(*b*) Carried in panniers.
In transport and supply columns to replace issues	1	1	1	1	1	(*c*) Limejuice and rum to be issued at the discretion of the general officer commanding, on the recommendation of the medical officer.
In transport and supply parks	3	3	3	3	....	(*d*) To be issued when available, but not to be carried in regimental transport, when marching daily.
Total	5½	6	5	4	2	

NOTE.—No fuel will be carried normally, except the wood of the ration boxes, which will be issued for kindling purposes and be supplemented by fuel obtained locally.

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C.—FORAGE.

DETAIL OF FORAGE CARRIED IN THE FIELD WITH CAVALRY REGIMENTS, AND IN TRANSPORT AND SUPPLY COLUMNS AND PARKS FOR EACH HORSE.

How carried.	*Corn ration.* 12 lbs.	*Compressed forage.*	Remarks.
On the horse	½ (*a*)	....	(*a*) The unexpended portion of the day's ration issued the previous evening.
In regimental transport....	1	(*b*)	(*b*) One bale (82 lbs. gross weight) is carried in the locker of each G.S. wagon. This is only to be consumed by order of an officer.
In transport and supply column, to replace issues	1	(*b*)	
In transport and supply park	3	(*b*)	
Total	5½	....	

NOTE.—The above scale of forage is applicable to a country where hay is available.

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D.—SIGNALLING EQUIPMENT FOR A CAVALRY REGIMENT IN THE FIELD.

(Carried partly by Signallers and partly in Four Signalling Panniers, in the Three Squadron Limbered Wagons for Tools, and in No. 5 G.S. Wagon.)

Articles.	No.	Remarks.
Cases, message book	7 (*a*)	(*a*) Carried by signallers.
Flags, signal, army :—		
Blue, 3′ 0″ square	10	
„ 2′ 0″ „	17 (*b*)	(*b*) 12 carried by signallers.
White, with stripe, 3′ 0″ square	10	
„ „ „ 2′ 0″ „ ...	17 (*b*)	
Poles, 5′ 6″	27	
„ 3′ 6″	45 (*c*)	(*c*) 24 carried by signallers.
Heliographs, 5″	8 (*a*)	
Lamps, signalling, "B"	8	
Oil, mineral, burning (flashing point about 150 deg. F.)	(*d*)	(*d*) All lamps are filled for service; a reserve of oil and wick for signalling lamps is carried in the transport and supply columns.
Wick, flat, 2⅝″	(*d*)	
Chimneys, glass, spare .... glasses	16	
Panniers, signalling, No. 1	4	
Stands, lamp or heliograph, "A" ...	8 (*a*)	
Compasses, prismatic	4 (*a*)	
„ „ cases	4 (*a*)	
Watches	4 (*a*)	
Stands, telescope, signalling	8 (*a*)	Exclusive of those for reconnaissance.
Telescopes, signalling	8 (*a*)	
Binoculars, with cases	4 (*a*)	
Cotton waste, white .... lb.	1	
Books, signalling manual	7	Carried in message book cases.
Army Form C 2121 (ii).... .... books	48 (*e*)	(*e*) 7 carried by signallers.
Pencils .... gross	1	

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E.—PIONEER EQUIPMENT FOR ONE SQUADRON OF CAVALRY.

Articles.	No.	Remarks.
Case, pioneer equipment, cavalry, large .... near ...	1	
Case, pioneer equipment, cavalry, large .... off	1	
Axes, felling, curved helve	2	
Axes, felling, hand, 2 lb. 2 oz.	1	
Hooks, bill	4	
Hooks, reaping, large	1	
Maul, G.S.	1	
Axes, pick, heads, 4½ lb.	4	
Axes, pick, helves, 36″, ferruled	5	
Crowbar, 3′ 6″	1	
Shovels, G.S.	6	
Wire, ordinary, copper, No. 28 W.G. lbs.	1	
Packsaddlery, G.S. .... large .... sets	2	
Packsaddlery, G.S. .... chests, pack, transport, Clarkson	2	
Saddlery, universal, buckets, tool	6	
Augers, screw, bull-nosed, 2″	1	
Augers, handle, 18½″	1	
Cases, auger	1	
Cases, saw, hand	1	
Driver, screw, G.S., 9″	1	
Files, saw, taper, second cut, single .... 9″	1	
Files, saw, taper, second cut, single .... 6″	1	
Hammers, claw, 28 oz.	2	
Hammers, smiths sledge, 10 lb. ...	1	
Hammers, handle, 36″, spare ...	1	
Knives, clasp	2	
Pliers, side-cutting, 7″ .... pairs	2	
Reel, wire, leather	1	
Rule, G.S., 4-fold	1	
Saws, cross cut, blade, 5′	1	
Saws, cross cut, handles	2	
Saws, hand, 26″	1	
Sets, saw, hand	1	
Sets, saw, pit	1	
Spanners, adjustable, 15″	1	Or McMahon in lieu.
Spanners, McMahon, 9″	1	
Cordage, spun-yarn, hemp, 3-thread, tarred .... lbs.	10	
Lines, Hambro'	1	
Twine, whipping .... lbs.	2	
Tapes, measuring, 100′, Mark III ...	1	
Nails, iron, spike, No. 185 .... lbs.	6	
Nails, wire, iron, grooved, 6″ „	2½	
Nails, wire, iron, grooved, 5″ „	2½	

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E.—Pioneer equipment for one squadron of cavalry—*continued.*

Articles.	No.	Remarks.
Lashings, tarred, 2″ × 48′	2	
Lashings, tarred, 1½″ × 50′	4	
Lashings, tarred, 1″ × 20′	8	
Boxes, guncotton, 1 half slab	32	
Cases, packing, detonators, guncotton, dry, cavalry pioneers....	5	
Cases, packing, guncotton, wet, cavalry pioneers	2	
Cylinders, No. 49	6	
Cylinders, No. 50	6	
Cylinders, No. 52	6	
Guncotton, dry, primers, "F"	54	
Guncotton, dry, primers, "H"	30	
Guncotton, wet, slabs, "V"	32	
Gunpowder, R.L.G. .... lbs.	3	
Detonators, No. 8 (with 2′ of safety fuze attached	48	
Fuze, safety .... fathoms	24	
Fuze, instantaneous .... yards	60	
Matches, Vesuvian .... boxes	12	
Wire, special, iron, galvanized, No. 16 W.G. .... lbs.	5	
Bags, sand, common	50	

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F.—SPARE WHEELS, SHAFTS, POLES, AND SWINGLETREES.

(1) Wheels.

One spare fore and one spare hind wheel for G.S. wagons are carried in regimental transport by a cavalry regiment (*cf.* pages 35 and 36).

(2) Shafts.

Spare shafts for Maltese carts are carried by transport and supply columns.

(3) Poles.

Two spare poles for G.S. wagons, and two for limbered wagons are carried by a cavalry regiment (*cf.* pages 35 and 36).

(4) Swingletrees.

The wagon equipment of each G.S. wagon includes a spare swingletree, and this provision covers the requirements of the Maltese and water carts and limbered wagons, which use swingletrees of the same pattern as the G.S. wagon.

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